

GenCore version 4.5
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Om nucleic - nucleic search, using sw model

Run on: March 8, 2002, 20:50:19 ; Search time 161.6 Seconds
(without alignments)
8207.191 Million cell updates/sec

Title: US-09-851-670-1
perfect score: 1547
Sequence: 1. gggagtcatcatgagcgatg.....tcttacacatagcaggcca 1547

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 930621 seqs, 428662619 residues

Total number of hits satisfying chosen parameters: 1861242

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Maximum Match 0%
Listing first 45 summaries

Database : N_Geneseq_1101:
1: /SIDS2/gcadata/geneseq/geneseq/NA1980.DAT:*
2: /SIDS2/gcadata/geneseq/geneseq/NA1981.DAT:*
3: /SIDS2/gcadata/geneseq/geneseq/NA1982.DAT:*
4: /SIDS2/gcadata/geneseq/geneseq/NA1983.DAT:*
5: /SIDS2/gcadata/geneseq/geneseq/NA1984.DAT:*
6: /SIDS2/gcadata/geneseq/geneseq/NA1985.DAT:*
7: /SIDS2/gcadata/geneseq/geneseq/NA1986.DAT:*
8: /SIDS2/gcadata/geneseq/geneseq/NA1987.DAT:*
9: /SIDS2/gcadata/geneseq/geneseq/NA1988.DAT:*
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20: /SIDS2/gcadata/geneseq/geneseq/NA1999.DAT:*
21: /SIDS2/gcadata/geneseq/geneseq/NA2000.DAT:*
22: /SIDS2/gcadata/geneseq/geneseq/NA2001.DAT:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES					
Result NO.	Score	Query Match Length	DB ID	Description	OS
1	1547	100.0	1547	Human Akt-3 nucleo	XX
2	1545.4	99.9	3285	Human ORFX ORF2886	XX
3	1544.4	99.8	2367	DNA encoding a hum	XX
4	1440	93.1	21	Human Akt-3 coding	XX
5	1364.8	88.2	1570	DNA encoding a hum	XX
6	1364.8	88.2	1570	Human serine/threo	XX
7	751.4	48.6	2826	Wild type murine A	XX
8	721.2	46.6	2184	Green fluorescent	XX
9	719.2	46.5	2610	Human RAC protein	XX
10	719.2	46.5	18	RAC protein	XX
11	719.2	46.5	2610	Human AKT-1 encodi	XX

RESULT 1

RESULT	1
AAAG2450	standard; cDNA: 1547 BP.
TD	AAAG62450
XX	
AC	AAAG62450;
XX	
DT	13-NOV-2000 (first entry)
XX	
DE	Human Akt-3 nucleotide sequence.
XX	
KW	Human; Akt-3; protein kinase B; PKB; serine/threonine kinase; cytosstatic; apoptosis stimulator; cancer; rapid amplification of cDNA ends; RACE; chromosome 1q43-44; ss.
KW	
XX	
OS	Homo sapiens.
XX	
FH	Location/Qualifiers
CDS	11..1450
FT	/tag= a
FT	/Product= "Akt-3"
FT	/note= "nucleotides 11 to 1447 are given as
FT	SEQ ID NO: 2 in the specification and are
FT	specifically claimed in claim 4 (see AAAG62451)." WO200037613-A2.
XX	
PN	
XX	
PD	29-JUN-2000.
XX	
PF	17-DEC-1999; 99W0-GB04311.
XX	
PR	22-DEC-1998; 98GB-0028375.
XX	
PA	(JANCS) JANSSSEN PHARM NV.
XX	

ID AAA09078 standard; DNA; 2626 BP.
 XX
 AC AAA09078;
 XX
 DT 10-AUG-2000 (first entry)
 XX
 DE Wild type murine Akt coding sequence.
 XX
 KW Akt; protein kinase B; serine-threonine kinase; proto-oncogene; cardiant; inhibitor; apoptosis; cell death; antiapoptotic; muscular active; ss.
 XX
 OS Mus musculus.
 XX
 Key Location/Qualifiers
 FH 284..1726
 FT /*tag= a
 FT /product= protein_kinase_B
 PN WO200020025-A2.
 XX
 FT 13-APR-2000..
 XX
 PR 29-SEP-1999; 99WO-US22633.
 XX
 PR 02-OCT-1998; 9805-0102740.
 XX
 PA (SELI-) ST ELIZABETH'S MEDICAL CENT INC.
 XX
 PI Walsh K;
 XX
 DR WPI; 2000-3036339/26.
 DR P-PSDB; AAY9223.
 XX
 PT treating myocardial infarction or conditions associated with increased
 PT apoptotic cell-death of vascular endothelial cells or skeletal
 PT myocytes comprises administering Akt (also termed Protein Kinase B
 PT (PKB) molecule
 Disclosure; Page 69; 71pp; English.
 The invention concerns methods of treating myocardial infarction, which
 comprise administering to a subject an Akt (Protein Kinase B) molecule
 CC
 CC
 PS

XX
AC AAA09076;
XX
DT 10-AUG-2000 (first entry)
XX
DE Wild type human Akt coding sequence.
KW Akt; Protein kinase B; serine-threonine kinase; proto-oncogene; cardiant; inhibitor; apoptosis; cell death; antiapoptotic; muscular active; ss.
KW
OS Homo sapiens.
XX
XX
Key Location/Qualifiers
CDS 199..1641
/*tag= a
/product= protein_kinase_B
/note= "serine threonine kinase"
XX
WO20020025-A2.
XX
PN 13-APR-2000.
XX
PR 29-SEP-1999; 99WO-US22633.
XX
DR 02-OCT-1998; 98US-0102740.
XX
PA (SFLI-) ST ELIZABETH'S MEDICAL CENT INC.
XX
PT Walsh K;
XX
WPI; DR; DR-P-PSDB; AY92221.
XX
PT Treating myocardial infarction or conditions associated with increased apoptotic cell-death of vascular endothelial cells or skeletal myocytes comprises administering Akt (also termed Protein Kinase B (PKB)) molecule
PT
XX
PS Disclosure; Page 65-66; 71pp; English.
CC The invention concerns methods of treating myocardial infarction, which comprise administering to a subject an Akt (Protein Kinase B) molecule to inhibit cardiac tissue necrosis. Akt is a proto-oncogene which encodes a serine threonine kinase. It inhibits apoptotic cell death, in particular of cardiomyocytes, skeletal myocytes and/or vascular endothelial cells. It is therefore also useful for treating muscular dystrophy, spinal muscular atrophy, anabolic steroid-induced muscle injury, skeletal muscle oxidative stress, physical exercise and unloading-induced skeletal muscle atrophy. The Akt protein can also be used in screening for an inhibitory agent that inhibits apoptotic cell-death of cells.
CC Sequence 2610 BP; 537 A; 752 C; 781 G; 540 T; 0 other;
XX
Query Match 46.5%; Score 719.2; DB 21; Length 2610;
Best Local Similarity 70.3%; Pred. No. 7.1e-185;
Matches 1025; Conservative 0; Mismatches 418; Indels 15; Gaps 4;
Matches 1025; Conservative 0; Mismatches 418; Indels 15; Gaps 4;
Db 193 ggcacatgagcgccgcgttgcgttatggaaaggaggttgggttcacaaacggggagttc
QY 5 gtcatcatgagggatgttaccatttgtaaaggaggttgggttcacaaacggggagttc
Db 193 ggcacatgagcgccgcgttgcgttatggaaaggaggttgggttcacaaacggggagttc
QY 65 atcaaactggggcaagatacttcttgcgttatgggttcacaaacggggagttc
Db 253 atcaaaactggggcaagatacttcttgcgttatgggttcacaaacggggagttc
QY 125 aaagaaaaactccaatgttgatttccatcgttgcgttatgggttcacaaacggggagttc
Db 313 aaggagccgcggatgttgaccaacttgcgttatgggttcacaaacggggagttc
QY 182 aaatggcaatggggcaacacaaacggggcaacacatataatcgatgttgcgttatgggttcacaaacggggagttc
Db 1627 agcagccggccgtgac 1644
RESULT 13
ID AAA09076 standard; DNA; 2610 BP.

Mon Mar 11 07:46:12 2002

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